

Tao-Sheng Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

7,029
citations

41
h-index

80
g-index

171
ext. papers

7,747
ext. citations

4.8
avg, IF

5.48
L-index

#	Paper	IF	Citations
160	Relative roles of direct regeneration versus paracrine effects of human cardiosphere-derived cells transplanted into infarcted mice. <i>Circulation Research</i> , 2010 , 106, 971-80	15.7	509
159	Direct comparison of different stem cell types and subpopulations reveals superior paracrine potency and myocardial repair efficacy with cardiosphere-derived cells. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 942-53	15.1	370
158	Local implantation of autologous bone marrow cells for therapeutic angiogenesis in patients with ischemic heart disease: clinical trial and preliminary results. <i>Japanese Circulation Journal</i> , 2001 , 65, 845-7		250
157	Validation of the cardiosphere method to culture cardiac progenitor cells from myocardial tissue. <i>PLoS ONE</i> , 2009 , 4, e7195	3.7	229
156	Cytokines produced by bone marrow cells can contribute to functional improvement of the infarcted heart by protecting cardiomyocytes from ischemic injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H886-93	5.2	227
155	Safety and efficacy of allogeneic cell therapy in infarcted rats transplanted with mismatched cardiosphere-derived cells. <i>Circulation</i> , 2012 , 125, 100-12	16.7	218
154	Magnetic targeting enhances engraftment and functional benefit of iron-labeled cardiosphere-derived cells in myocardial infarction. <i>Circulation Research</i> , 2010 , 106, 1570-81	15.7	208
153	Cardiospheres recapitulate a niche-like microenvironment rich in stemness and cell-matrix interactions, rationalizing their enhanced functional potency for myocardial repair. <i>Stem Cells</i> , 2010 , 28, 2088-98	5.8	208
152	Intramyocardial injection of autologous cardiospheres or cardiosphere-derived cells preserves function and minimizes adverse ventricular remodeling in pigs with heart failure post-myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 455-65	15.1	187
151	Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. <i>Nature Communications</i> , 2017 , 8, 13724	17.4	164
150	Enhancement of angiogenesis by the implantation of self bone marrow cells in a rat ischemic heart model. <i>Journal of Surgical Research</i> , 2000 , 89, 189-95	2.5	160
149	Malfunction of nuclease ERCC1-XPF results in diverse clinical manifestations and causes Cockayne syndrome, xeroderma pigmentosum, and Fanconi anemia. <i>American Journal of Human Genetics</i> , 2013 , 92, 807-19	11	155
148	Dedifferentiation and proliferation of mammalian cardiomyocytes. <i>PLoS ONE</i> , 2010 , 5, e12559	3.7	141
147	Regeneration of infarcted myocardium by intramyocardial implantation of ex vivo transforming growth factor-beta-preprogrammed bone marrow stem cells. <i>Circulation</i> , 2005 , 111, 2438-45	16.7	127
146	Mitochondrial dysfunction, a probable cause of persistent oxidative stress after exposure to ionizing radiation. <i>Free Radical Research</i> , 2012 , 46, 147-53	4	119
145	Fabrication of Synthetic Mesenchymal Stem Cells for the Treatment of Acute Myocardial Infarction in Mice. <i>Circulation Research</i> , 2017 , 120, 1768-1775	15.7	118
144	Physiological levels of reactive oxygen species are required to maintain genomic stability in stem cells. <i>Stem Cells</i> , 2010 , 28, 1178-85	5.8	116

143	Targeted repair of heart injury by stem cells fused with platelet nanovesicles. <i>Nature Biomedical Engineering</i> , 2018 , 2, 17-26	19	101
142	Autologous bone marrow implantation induced angiogenesis and improved deteriorated exercise capacity in a rat ischemic hindlimb model. <i>Journal of Surgical Research</i> , 2001 , 96, 277-83	2.5	100
141	Angiogenesis induced by the implantation of self-bone marrow cells: a new material for therapeutic angiogenesis. <i>Cell Transplantation</i> , 2000 , 9, 439-43	4	90
140	Human cardiosphere-derived cells from advanced heart failure patients exhibit augmented functional potency in myocardial repair. <i>JACC: Heart Failure</i> , 2014 , 2, 49-61	7.9	88
139	Neovascularization Induced by Autologous Bone Marrow Cell Implantation in Peripheral Arterial Disease. <i>Cell Transplantation</i> , 2002 , 11, 747-752	4	87
138	Functional performance of human cardiosphere-derived cells delivered in an in situ polymerizable hyaluronan-gelatin hydrogel. <i>Biomaterials</i> , 2012 , 33, 5317-24	15.6	86
137	Ischemic pre-conditioning enhances the mobilization and recruitment of bone marrow stem cells to protect against ischemia/reperfusion injury in the late phase. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 1814-22	15.1	86
136	Therapeutic angiogenesis induced by local autologous bone marrow cell implantation. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 1210-5	2.7	86
135	CD117+ stem cells play a key role in therapeutic angiogenesis induced by bone marrow cell implantation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H931-7	5.2	85
134	Doxorubicin-induced mitophagy contributes to drug resistance in cancer stem cells from HCT8 human colorectal cancer cells. <i>Cancer Letters</i> , 2017 , 388, 34-42	9.9	79
133	Concise Review: Is Cardiac Cell Therapy Dead? Embarrassing Trial Outcomes and New Directions for the Future. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 354-359	6.9	74
132	Magnetic enhancement of cell retention, engraftment, and functional benefit after intracoronary delivery of cardiac-derived stem cells in a rat model of ischemia/reperfusion. <i>Cell Transplantation</i> , 2012 , 21, 1121-35	4	74
131	Improved angiogenic potency by implantation of ex vivo hypoxia prestimulated bone marrow cells in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H468-73	5.2	74
130	Expansion of human cardiac stem cells in physiological oxygen improves cell production efficiency and potency for myocardial repair. <i>Cardiovascular Research</i> , 2011 , 89, 157-65	9.9	68
129	Computed tomography-diagnosed emphysema, not airway obstruction, is associated with the prognostic outcome of early-stage lung cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 6730-6	12.9	67
128	The induction of angiogenesis by the implantation of autologous bone marrow cells: a novel and simple therapeutic method. <i>Surgery</i> , 2001 , 130, 44-54	3.6	66
127	Potency of umbilical cord blood- and Wharton's jelly-derived mesenchymal stem cells for scarless wound healing. <i>Scientific Reports</i> , 2016 , 6, 18844	4.9	55
126	Importance of cell-cell contact in the therapeutic benefits of cardiosphere-derived cells. <i>Stem Cells</i> , 2014 , 32, 2397-406	5.8	50

125	Hypoxic preconditioning increases survival and angiogenic potency of peripheral blood mononuclear cells via oxidative stress resistance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H590-5	5.2	48
124	The effects of mechanical stress on the growth, differentiation, and paracrine factor production of cardiac stem cells. <i>PLoS ONE</i> , 2011 , 6, e28890	3.7	46
123	Dual Role of Mitophagy in Cancer Drug Resistance. <i>Anticancer Research</i> , 2018 , 38, 617-621	2.3	45
122	Autologous bone marrow cell implantation as therapeutic angiogenesis for ischemic hindlimb in diabetic rat model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H66-70	5.2	44
121	Comparison of intramyocardial and intravenous routes of delivering bone marrow cells for the treatment of ischemic heart disease: an experimental study. <i>Cell Transplantation</i> , 2004 , 13, 639-47	4	42
120	Improvement of cardiac function by bone marrow cell implantation in a rat hypoperfusion heart model. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 768-73; discussion 773-4	2.7	42
119	Muscle stem cell fate is controlled by the cell-polarity protein Scrib. <i>Cell Reports</i> , 2015 , 10, 1135-48	10.6	41
118	XRCC4 deficiency in human subjects causes a marked neurological phenotype but no overt immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 1007-17	11.5	41
117	Increased expression of CXCR4 and integrin alphaM in hypoxia-preconditioned cells contributes to improved cell retention and angiogenic potency. <i>Journal of Cellular Physiology</i> , 2009 , 220, 508-14	7	41
116	TGF-beta induces the differentiation of bone marrow stem cells into immature cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 366, 1074-80	3.4	40
115	Impaired potency of bone marrow mononuclear cells for inducing therapeutic angiogenesis in obese diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1362-9	5.2	40
114	The c-MYC-ABCB5 axis plays a pivotal role in 5-fluorouracil resistance in human colon cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1569-81	5.6	38
113	Impaired angiogenic potency of bone marrow cells from patients with advanced age, anemia, and renal failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 459-65	1.5	38
112	Enhanced tumor necrosis factor- alpha expression in small sized abdominal aortic aneurysms. <i>World Journal of Surgery</i> , 2003 , 27, 476-80	3.3	38
111	HIF-1 α activation under glucose deprivation plays a central role in the acquisition of anti-apoptosis in human colon cancer cells. <i>International Journal of Oncology</i> , 2014 , 44, 2077-84	4.4	36
110	Myocardial repair achieved by the intramyocardial implantation of adult cardiomyocytes in combination with bone marrow cells. <i>Cell Transplantation</i> , 2008 , 17, 695-703	4	35
109	Hypoxic preconditioning enhances angiogenic potential of bone marrow cells with aging-related functional impairment. <i>Circulation Journal</i> , 2012 , 76, 986-94	2.9	34
108	Extracorporeal shock wave therapy ameliorates secondary lymphedema by promoting lymphangiogenesis. <i>Journal of Vascular Surgery</i> , 2010 , 52, 429-34	3.5	34

107	DNA damage signaling is activated during cancer progression in human colorectal carcinoma. <i>Cancer Biology and Therapy</i> , 2010 , 9, 246-52	4.6	34
106	The safety and feasibility of the local implantation of autologous bone marrow cells for ischemic heart disease. <i>Journal of Cardiac Surgery</i> , 2003 , 18 Suppl 2, S69-75	1.3	34
105	Clinical ramifications of bronchial kink after upper lobectomy. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 259-65	6.7	33
104	Compensation of pulmonary function after upper lobectomy versus lower lobectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 762-7	1.5	33
103	IL-35 expression in hepatocellular carcinoma cells is associated with tumor progression. <i>Oncotarget</i> , 2016 , 7, 45678-45686	3.3	33
102	Computed tomography-defined functional lung volume after segmentectomy versus lobectomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 1433-7	3	32
101	Functional impairment of human resident cardiac stem cells by the cardiotoxic antineoplastic agent trastuzumab. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 289-97	6.9	31
100	Antioxidant therapy attenuates diabetes-related impairment of bone marrow stem cells. <i>Circulation Journal</i> , 2009 , 73, 162-6	2.9	31
99	Identification of risk factors related to poor angiogenic potency of bone marrow cells from different patients. <i>Circulation</i> , 2009 , 120, S255-61	16.7	30
98	Short-term pretreatment with low-dose hydrogen peroxide enhances the efficacy of bone marrow cells for therapeutic angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2582-8	5.2	30
97	Cellular expression of integrin-beta 1 is of critical importance for inducing therapeutic angiogenesis by cell implantation. <i>Cardiovascular Research</i> , 2005 , 65, 64-72	9.9	30
96	Sutureless pneumostasis using bioabsorbable mesh and glue during major lung resection for cancer: who are the best candidates?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 600-5	1.5	29
95	Inhibition of accelerated tumor growth by blocking the recruitment of mobilized endothelial progenitor cells after chemotherapy. <i>International Journal of Cancer</i> , 2009 , 124, 1685-92	7.5	27
94	Sensitivity and dose dependency of radiation-induced injury in hematopoietic stem/progenitor cells in mice. <i>Scientific Reports</i> , 2015 , 5, 8055	4.9	26
93	Crystallin controls muscle function through thyroid hormone action. <i>FASEB Journal</i> , 2016 , 30, 1733-40	0.9	26
92	Culture under low physiological oxygen conditions improves the stemness and quality of induced pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2013 , 228, 2159-66	7	24
91	Cardiosphere-Derived Cells Facilitate Heart Repair by Modulating M1/M2 Macrophage Polarization and Neutrophil Recruitment. <i>PLoS ONE</i> , 2016 , 11, e0165255	3.7	24
90	Estrogen deficiency heterogeneously affects tissue specific stem cells in mice. <i>Scientific Reports</i> , 2015 , 5, 12861	4.9	23

89	Low angiogenic potency induced by the implantation of ex vivo expanded CD117(+) stem cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1236-41	5.2	23
88	Influence of aging on the quantity and quality of human cardiac stem cells. <i>Scientific Reports</i> , 2016 , 6, 22781	4.9	23
87	Placental extract protects bone marrow-derived stem/progenitor cells against radiation injury through anti-inflammatory activity. <i>Journal of Radiation Research</i> , 2013 , 54, 268-76	2.4	22
86	Preoperative imaging of the lung sentinel lymphatic basin with computed tomographic lymphography: a preliminary study. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 1033-7; discussion 1037-8	2.7	22
85	Effects of Matrix Metalloproteinases on the Performance of Platelet Fibrin Gel Spiked With Cardiac Stem Cells in Heart Repair. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 793-803	6.9	22
84	Neovascularization induced by autologous bone marrow cell implantation in peripheral arterial disease. <i>Cell Transplantation</i> , 2002 , 11, 747-52	4	22
83	Operative injury accelerates tumor growth by inducing mobilization and recruitment of bone marrow-derived stem cells. <i>Surgery</i> , 2011 , 149, 792-800	3.6	21
82	Analysis of the origin and population dynamics of cardiac progenitor cells in a donor heart model. <i>Stem Cells</i> , 2007 , 25, 911-7	5.8	21
81	Sutureless pneumostasis using polyglycolic acid mesh as artificial pleura during video-assisted major pulmonary resection. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1858-61	2.7	21
80	Quantitative computed tomography versus spirometry in predicting air leak duration after major lung resection for cancer. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1853-8	2.7	21
79	Obstacles for shortening hospitalization after video-assisted pulmonary resection for lung cancer. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 1816-20	2.7	21
78	Radioisotope lymph node mapping in nonsmall cell lung cancer: can it be applicable for sentinel node biopsy?. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 426-30	2.7	21
77	JAB1 regulates unphosphorylated STAT3 DNA-binding activity through protein-protein interaction in human colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 513-8	3.4	20
76	Comparison of cell therapy and cytokine therapy for functional repair in ischemic and nonischemic heart failure. <i>Cell Transplantation</i> , 2007 , 16, 365-74	4	20
75	Digitonin enhances the antitumor effect of cisplatin during isolated lung perfusion. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 1173-8	2.7	20
74	Cardiosphere-derived cell sheet primed with hypoxia improves left ventricular function of chronically infarcted heart. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 2738-51	3	20
73	Quantitative computed tomography for the prediction of pulmonary function after lung cancer surgery: a simple method using simulation software. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 414-8	3	19
72	Breath-hold single-photon emission tomography and computed tomography for predicting residual pulmonary function in patients with lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 994-1001	1.5	19

71	Pravastatin improves remodeling and cardiac function after myocardial infarction by an antiinflammatory mechanism rather than by the induction of angiogenesis. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 2217-25	2.7	18
70	Cardiac regenerative potential of cardiosphere-derived cells from adult dog hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1805-13	5.6	17
69	Mesh-based pneumostasis contributes to preserving gas exchange capacity and promoting rehabilitation after lung resection. <i>Journal of Surgical Research</i> , 2011 , 167, e71-5	2.5	17
68	In vitro assessment of the effect of interleukin-1beta on angiogenic potential of bone marrow cells. <i>Circulation Journal</i> , 2006 , 70, 1195-9	2.9	17
67	Hypoxic preconditioning reinforces cellular functions of autologous peripheral blood-derived cells in rabbit hindlimb ischemia model. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 370-5	3.4	16
66	Effects of antioxidants on the quality and genomic stability of induced pluripotent stem cells. <i>Scientific Reports</i> , 2014 , 4, 3779	4.9	15
65	What proportion of lung cancers can be operated by segmentectomy? A computed-tomography-based simulation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 341-5	3	15
64	The reduction of hemodynamic loading assists self-regeneration of the injured heart by increasing cell proliferation, inhibiting cell apoptosis, and inducing stem-cell recruitment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1051-8	1.5	15
63	Physiological rehabilitation after video-assisted lung lobectomy for cancer: a prospective study of measuring daily exercise and oxygenation capacity. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 30, 533-7	3	15
62	Independent predictive value of the overall number of metastatic N1 and N2 stations in lung cancer. <i>General Thoracic and Cardiovascular Surgery</i> , 2003 , 51, 297-301		15
61	Immunomodulatory effect of mesenchymal stem cells: Cell origin and cell quality variations. <i>Molecular Biology Reports</i> , 2019 , 46, 1157-1165	2.8	15
60	Nicaraven attenuates radiation-induced injury in hematopoietic stem/progenitor cells in mice. <i>PLoS ONE</i> , 2013 , 8, e60023	3.7	14
59	Video-assisted thoracoscopic surgery for intralobar pulmonary sequestration. <i>Surgery</i> , 2003 , 133, 216-8	3.6	13
58	Angiogenesis induced by the injection of peripheral leukocytes and platelets. <i>Journal of Surgical Research</i> , 2002 , 103, 279-86	2.5	13
57	Ultrasound-Targeted Microbubble Destruction-Mediated Co-Delivery of () and Genes for Myocardial Repair. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 1299-1312	4	13
56	Enhanced expression of PKM2 associates with the biological properties of cancer stem cells from A549 human lung cancer cells. <i>Oncology Reports</i> , 2017 , 37, 2161-2166	3.5	12
55	Time- and dose-dependent effects of total-body ionizing radiation on muscle stem cells. <i>Physiological Reports</i> , 2015 , 3, e12377	2.6	12
54	Impact of collagen subtype proportions in peritoneal tissues on inguinal hernia formation in adults and infants. <i>Pediatric Surgery International</i> , 2006 , 22, 600-4	2.1	11

53	Diabetic impairment of C-kit bone marrow stem cells involves the disorders of inflammatory factors, cell adhesion and extracellular matrix molecules. <i>PLoS ONE</i> , 2011 , 6, e25543	3.7	10
52	Nicaraven Attenuates Postoperative Systemic Inflammatory Responses-Induced Tumor Metastasis. <i>Annals of Surgical Oncology</i> , 2020 , 27, 1068-1074	3.1	10
51	Nicaraven reduces cancer metastasis to irradiated lungs by decreasing CCL8 and macrophage recruitment. <i>Cancer Letters</i> , 2018 , 418, 204-210	9.9	9
50	Significant role of bone marrow-derived cells in compensatory regenerative lung growth. <i>Journal of Surgical Research</i> , 2013 , 183, 84-90	2.5	9
49	Heat shock factor 1 contributes to ischemia-induced angiogenesis by regulating the mobilization and recruitment of bone marrow stem/progenitor cells. <i>PLoS ONE</i> , 2012 , 7, e37934	3.7	9
48	Enhanced autophagy in colorectal cancer stem cells does not contribute to radio-resistance. <i>Oncotarget</i> , 2016 , 7, 45112-45121	3.3	9
47	The potential benefits of nicaraven to protect against radiation-induced injury in hematopoietic stem/progenitor cells with relative low dose exposures. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 548-53	3.4	8
46	Long-term efficacy and safety of the intramyocardial implantation of autologous bone marrow cells for the treatment of ischemic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 1347-9	1.5	8
45	Haemodynamic unloading increases the survival and affects the differentiation of cardiac stem cells after implantation into an infarcted heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 976-82	3	7
44	Prolonged survival of xenograft fetal cardiomyocytes by adenovirus-mediated CTLA4-Ig expression. <i>Transplantation</i> , 2001 , 72, 1983-5	1.8	7
43	Radiation Exposure Decreases the Quantity and Quality of Cardiac Stem Cells in Mice. <i>PLoS ONE</i> , 2016 , 11, e0152179	3.7	7
42	Increased expression of PHD3 represses the HIF-1 signaling pathway and contributes to poor neovascularization in pancreatic ductal adenocarcinoma. <i>Journal of Gastroenterology</i> , 2015 , 50, 975-83	6.9	6
41	Enhanced Nox1 expression and oxidative stress resistance in c-kit-positive hematopoietic stem/progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 454, 376-80	3.4	6
40	The mobilization and recruitment of c-kit+ cells contribute to wound healing after surgery. <i>PLoS ONE</i> , 2012 , 7, e48052	3.7	6
39	Transient increase of cytokines in the acute ischemic tissue is beneficial to cell-based therapeutic angiogenesis. <i>Circulation Journal</i> , 2008 , 72, 2075-80	2.9	6
38	Video-assisted transcatheter lung perfusion regional chemotherapy. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 27, 1079-82	3	6
37	Prediction of hypoxemia after lung resection surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005 , 4, 85-9	1.8	6
36	Enhanced Expression of ABCB1 and Nrf2 in CD133-Positive Cancer Stem Cells Associates with Doxorubicin Resistance. <i>Stem Cells International</i> , 2020 , 2020, 8868849	5	6

35	Nicaraven, a Potential Radioprotective Agent, has Very Limited Effects on the Survival of Cancer Cells and the Growth of Established Tumors. <i>Radiation Research</i> , 2017 , 187, 339	3.1	5
34	Ionizing Radiation Impairs Endogenous Regeneration of Infarcted Heart: An In Vivo F-FDG PET/CT and Tc-Tetrofosmin SPECT/CT Study in Mice. <i>Radiation Research</i> , 2017 , 187, 89-97	3.1	5
33	Nuclear translocation of glutathione S-transferase γ s mediated by a non-classical localization signal. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 745-50	3.4	5
32	Long-term survival of xenografted neonatal cardiomyocytes by adenovirus-mediated CTLA4-Ig expression and CD40 blockade. <i>Circulation</i> , 2003 , 108, 1760-5	16.7	5
31	Relationship between the concentration of CDDP in tumor and tumor size after isolated lung perfusion treatment experimental study on a solitary pulmonary sarcoma model in rats. <i>Journal of Surgical Oncology</i> , 2000 , 75, 193-6	2.8	5
30	Mini Review: Recent Advances in the Cell-Based Therapies for Cardiac Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2020 , 15, 649-660	3.6	5
29	Mesenchymal Stem Cells for Mitigating Radiotherapy Side Effects. <i>Cells</i> , 2021 , 10,	7.9	5
28	Feasibility of placenta-derived mesenchymal stem cells as a tool for studying pregnancy-related disorders. <i>Scientific Reports</i> , 2017 , 7, 46220	4.9	4
27	Can nonpenetrating vascular closure staples and hepatocyte growth factor prevent intimal hyperplasia following ePTFE grafting of the carotid artery in rabbits?. <i>Surgery Today</i> , 2002 , 32, 618-22	3	4
26	Bmi-1 high-expressing cells enrich cardiac stem/progenitor cells and respond to heart injury. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 104-111	5.6	4
25	Ablation of lncRNA attenuates pathological hypertrophy and heart failure. <i>Theranostics</i> , 2021 , 11, 7995-8007	4	4
24	Up-regulated extracellular matrix components and inflammatory chemokines may impair the regeneration of cholestatic liver. <i>Scientific Reports</i> , 2016 , 6, 26540	4.9	3
23	Small bowel transplantation tolerance achieved by costimulatory blockade leading to mixed chimerism. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 3017-23	2.8	3
22	Recovery of renal function in a heart transplantation recipient with over 300 days of iatrogenic anuria: A case report. <i>Medicine (United States)</i> , 2018 , 97, e0451	1.8	3
21	Nicaraven inhibits TNF-induced endothelial activation and inflammation through suppression of NF- κ B signaling pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 803-811	2.4	3
20	Dose-dependency and reversibility of radiation-induced injury in cardiac explant-derived cells of mice. <i>Scientific Reports</i> , 2017 , 7, 40959	4.9	2
19	Verification of early removal of the chest tube after absorbable mesh-based pneumostasis subsequent to video-assisted major lung resection for cancer. <i>World Journal of Surgery</i> , 2012 , 36, 1603-7 ³ 3	2	2
18	Right middle lobe transposition after upper lobectomy: influence on postoperative pulmonary function. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 138-43	1.6	2

17	The effect of transient oxygenation on stem cell mobilization and ischemia/reperfusion heart injury. <i>PLoS ONE</i> , 2018 , 13, e0192733	3.7	2
16	Nicaraven prevents the fast growth of inflamed tumors by an anti-inflammatory mechanism. <i>Medical Oncology</i> , 2021 , 39, 7	3.7	2
15	Response by Luo et al to Letter Regarding Article, "Fabrication of Synthetic Mesenchymal Stem Cells for the Treatment of Acute Myocardial Infarction in Mice". <i>Circulation Research</i> , 2017 , 120, e48-e49 ^{15:7}	15.7	1
14	Serum S-glutathionylated proteins as a potential biomarker of carotid artery stenosis. <i>Clinical Biochemistry</i> , 2012 , 45, 1331-5	3.5	1
13	Estrogen is required for maintaining the quality of cardiac stem cells. <i>PLoS ONE</i> , 2021 , 16, e0245166	3.7	1
12	Immunohistochemical Analysis of Histone H3 Modification in Newt Tail Tissue Cells following Amputation. <i>Stem Cells International</i> , 2021 , 2021, 8828931	5	1
11	Mesenchymal stem cell-derived extracellular vesicles as probable triggers of radiation-induced heart disease. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 422	8.3	1
10	Potential Role of the Resident Mesenchymal Stem-Like Cells in Renal Fibrogenesis after Ureteral Obstruction. <i>Stem Cells International</i> , 2019 , 2019, 2543171	5	0
9	Localization of ATP-sensitive K channel subunits in rat liver. <i>World Journal of Experimental Medicine</i> , 2019 , 9, 14-31	0.4	0
8	Dipyridamole induces the phosphorylation of CREB to promote cancer cell proliferation. <i>Oncology Letters</i> , 2021 , 21, 251	2.6	0
7	Analysis of Immune and Inflammation Characteristics of Atherosclerosis from Different Sample Sources.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 5491038	6.7	0
6	Myocardial Regeneration: What is the Best Approach?. <i>Current Cardiology Reviews</i> , 2005 , 1, 127-140	2.4	
5	Angiogenesis Induced by Intramyocardial Implantation of Autologous Bone Marrow Mononuclear Cells for the Treatment of Ischemic Heart Disease 2005 , 201-211		
4	ASO Author Reflections: How Should a Surgeon Care and Manage Cancer Metastasis?. <i>Annals of Surgical Oncology</i> , 2020 , 27, 1075-1076	3.1	
3	Prolonged oxygen exposure causes the mobilization and functional damage of stem or progenitor cells and exacerbates cardiac ischemia or reperfusion injury in healthy mice. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6657-6665	7	
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